



Agenda Item Number: 2006-3-6L

BERNALILLO COUNTY BOARD OF COUNTY COMMISSIONERS

Meeting Date: March 14, 2006

Department: Technical Services **Staff Contact:** Tim West, Deputy County Manager for Public Works
Roger A. Paul, Technical Services Director
Lisa Ann Manwill, Project Engineer

TITLE: Industrial Park Water System Booster/Treatment System – Bid Package D

ACTION: Motion to approve Change Order 4 to the Agreement between Bernalillo County and RMC Inc. for the Industrial Park Water System Booster/Treatment System Project.

SUMMARY:

The Industrial Park Water System Project is located northwest of Paseo del Volcan and Interstate 40 (see attached map). Construction began in May 2005. The water system was separated into four bid packages/construction projects as follows:

Bid Package A - Water Well and Pumping Unit
Bid Package B - 1.25 Million Gallon Water Tank
Bid Package C - Utility Lines and Access Road
Bid Package D - Booster/Treatment System

Bid Package A, B, and C are complete and Bid Package D is anticipated to be substantially complete in May 2006. The Board approved a \$1,974,547 Construction Contract for the Booster/Treatment System with RMC Inc on August 31, 2005. To date, three change orders have been executed.

The first change order (attached) was an increase of \$182,057.39 and added 9.22% above the initial contract amount. The first change order primarily consisted of a temporary pumping system to provide interim fire protection and water to the Tempur Pedic Plant as a non-potable product. The second change order (attached) was an increase of \$8,034.52 (including NMGRT), bringing the total change order amount to 9.63% above the initial amount and increased the contract by 14 calendar days. The second change order was comprised of miscellaneous items that required redesign and construction related special services. The third change order (attached) increased the contract by 19 calendar days. In order to bring the fourth change order to the Board for its consideration prior to expiration of the construction contract.

Board approval for a fourth change order (attached) is requested. This change order consists mostly of modifications to the hydrochloric acid feed system, previously unrealized electrical requirements and the ongoing operation and maintenance of the temporary water system (approved in change order #1). The Albuquerque/Bernalillo County Water Utility Authority as a condition of acceptance requested the modifications to the hydrochloric acid feed system.

Change Order four adds 74 calendar days to the contract to enable construction to be substantially completed in May 2006. The exhaust system for the hydrochloric acid feed system has a 13-week lead-time for delivery and will not be installed until June 2006. The fourth change order exceeds the 10% limit of the original construction contract amount and requires the Board's approval prior to authorizing the requested work.

ATTACHMENTS:

1. Location Map
2. Change Order 4
3. Executed Change Orders 1, 2, and 3

FISCAL IMPACT

West Mesa Water/Sewer	BC01-588742-08PW	\$207,067.07
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STAFF ANALYSIS SUMMARY

COUNTY MANAGER

The Industrial park Water System is the critical component to the current and future creation of job opportunity to not only the Westside but also the greater Albuquerque area. Upon completion of the system it will be turned over to the Albuquerque Bernalillo County Water Authority for operation. I recommend Board approval. TL 03/08/2006

DEPUTY COUNTY MANAGER FOR PUBLIC WORKS

The previous change orders enabled an interim and temporary water system to be made available to Tempur-Pedic during the fall and winter months of completing work inside their facility. The temporary system cost was almost an amount that equaled 10% of the original contract amount. Construction changes required for the water treatment unit by the ABCWUA along with the operational costs of the temporary water system now exceeds the permissible 10% amount and requires Board approval to enable the construction contract amendment. The higher level concentration levels of arsenic in the new well require modifications to the Treatment System that must be made in order for the system's transfer to the ABCWUA. I recommend approval. TW 3/1/06

LEGAL

Change order exceeds 10% amount. Approved as to form only. Deborah S. Seligman, Legal 3/3/06

FINANCE

Budget	Approval will allow the County to move forward with this project. The funding is available in General Fund for the West Mesa Water and Sewer. Amy Childers, Financial Specialist, 3/1/06
Purchasing	Proper procurement procedure have been followed in accordance with Administrative Resolution No. 15-2005. R. Suazo, Purchasing Administrator 3/2/2006
Contracts	Contract Control Number 2006-0073 has been issued for Change Order #4 on the construction contract between RMCI Inc. and the County for the Industrial Park Water System Booster/Treatment System Project. R. Suazo, Purchasing Administrator 3/2/2006
Risk Management	No comment required. David Baca, Risk Management 3/1/06